Appendix E - Soils, Listed by County, Which Occupy the Tennessee Valley Authority Land Surrounding the Pickwick Reservoir and Forms AD-1006 for Lauderdale and Colbert Counties, Alabama

Soils, listed by county, which occupy the Tennessee Valley Authority land surrounding the Pickwick Reservoir.

Symbol	Name	Slope	Prime Farmland
Colbert, AL [1]			
BaE	Barfield-Rock outcrop complex	2 to 35 percent slopes	
BeB	Bewleyville silt loam	2 to 6 percent slopes	yes
BeC	Bewleyville silt loam	6 to 10 percent slopes	
CaB	Capshaw silt loam	2 to 6 percent slopes	yes
CbA	Chenneby silt loam	0 to 2 percent slopes	yes
CeA	Chenneby silt loam	0 to 2 percent slopes	yes
ChD	Chisca loam	6 to 15 percent slopes	
CnF	Chisca-Nella-Nectar complex	10 to 45 percent slopes	
DaB	Decatur silt loam	2 to 6 percent slopes	yes
DaC2	Decatur silty clay loam	6 to 10 percent slopes	
DeB	Decatur-Urban land complex	2 to 8 percent slopes	
DeD	Decatur-Urban land complex	8 to 15 percent slopes	
DkA	Dickson silt loam	0 to 3 percent slopes	yes
EmA	Emory silt loam	0 to 2 percent slopes	yes
EnA	Emory-Urban land complex	0 to 1 percent slopes	
EtB	Etowah silt loam	2 to 6 percent slopes	yes
FaB	Fullerton cherty silt loam	2 to 6 percent slopes	yes
FaD	Fullerton cherty silt loam	6 to 15 percent slopes	
FbF	Fullerton-Bodine complex	15 to 45 percent slopes	
GuA	Futhrie silt loam	0 to 2 percent slopes	
NNC	Nectar and Nauvoo fine sandy loams	6 to 10 percent slopes	
NuA	Nugent fine sandy loam	0 to 2 percent slopes	
PUA	Pruitton and Dullivan silt loams	0 to 2 percent slopes	yes
SaF	Sffell-Pikeville complex	15 to 45 percent slopes	
ShB	Savannah loam	1 to 5 percent slopes	yes
SpD	Smithdale-Pikeville complex	6 to 15 percent slopes	
TnD	Typic Udorthents-Nectar complex	6 to 15 percent slopes	
TuB	Tupelo-Colbert complex	0 to 4 percent slopes	yes
Ub	Urban land	0 to 5 percent slopes	
WnB	Wynnuille silt loam	2 to 6 percent slopes	yes

Symbol	Name	Slope	Prime Farmland
Lauderdale, AL [2]			
Ar	Armour silt loam	level	yes
BoE	Bodine cherty silt loam	10 to 35 percent slopes	
Ch	Chenneby silt loam	level	yes
Co	Choccolocca silt loam	level	yes
DaB	Decatur silt loam	2 to 6 percent slopes	yes
DcC2	Decatur silty clay loam	6 to 10 percent slopes	
DeB	Dewey silt loam	2 to 6 percent slopes	yes
DeC	Dewey silt loam	6 to 10 percent slopes	
DfC2	Dewey silty clay loam	6 to 10 percent slopes	
DoA	Dickson silt loam	0 to 2 percent slopes	yes
DoB	Dickson silt loam	2 to 6 percent slopes	yes
DoC	Dickson silt loam	6 to 10 percent slopes	
EtB	Etowah silt loam	2 to 8 percent slopes	yes
FaB	Fullerton cherty silt loam	2 to 6 percent slopes	yes
FaC	Fullerton cherty silt loam	6 to 15 percent slopes	
Gr	Grasmere silty clay loam	level	yes
Gu	Guthrie silt loam	level	
Hu	Humphreys cherty silt loam	level	yes
Le	Lee cherty silt loam	level	
Lo	Lobelville cherty silt loam	level	yes
PaD3	Paleudults	6 to 15 percent slopes	
Pr	Pruitton silt loam	level	yes
SaC	Saffell gravelly fine sandy loam	6 to 10 percent slopes	
SBF	Saffell and Bodine soils	steep	
SmC	Smithdale fine sandy loam	5 to 10 percent slopes	
St	Staser silt loam	level	yes
Tishomingo, MS [3]			
Kr	Kirkville loam	level	yes
Ma	Mantachie loam	level	yes
RuC2	Ruston sandy loam, eroded	2 to 5 percent slopes	
SA	Saffell-Smithdale association	hilly	
ShC	Savannah silt loam, eroded	2 to 5 percent slopes	yes
SmE	Smithdale sandy loam	15 to 20 percent slopes	

Symbol	Name	Slope	Prime Farmland
SR	Smithdale-Ruston association	hilly	
Hardin, TN [4]			
Am	Almo silt loam	level	
Ba	Beason silt loam	level	yes
BdD	Bodine cherty silt loam	5 to 12 percent slopes	
BdF	Bodine cherty silt loam	12 to 35 percent slopes	
BeF	Bodine-Guin complex	25 to 35 percent slopes	
CaA	Ca in a silt loam	0 to 2 percent slopes	yes
CaC	Ca in a silt loam	2 to 5 percent slopes	yes
CbB3	Ca in a silty clay loam	2 to 8 percent slopes	
Cf	Collins fine sandy loam	level	yes
Cg	Collins loam, local alluvium	level	yes
Ch	Collins silt loam	level	yes
CkF	Culleoka silt loam	5 to 12 percent slopes	
DaD	Dandridge-Needmore complex	8 to 12 percent slopes	
DaF	Dandridge-Needmore complex	12 to 35 percent slopes	
DcB3	Dexter clay loam	2 to 5 percent slopes	
Ea	Egam silty clay loam	level	yes
Ec	Ennis cherty silt loam	level	yes
Ee	Ennis cherty silt loam, local alluvium	level	yes
Em	Ennis silt loam	level	yes
EtC3	Etowah gravelly silty clay loam	5 to 8 percent slopes	
EtD3	Etowah gravelly silty clay loam	8 to 12 percent slopes	
Fa	Falaya loam, local alluvium	level	yes
FrC	Freeland loam, eroded	2 to 5 percent slopes	yes
FrB3	Freeland loam, severely eroded	5 to 8 percent slopes	
FrC3	Freeland loam, severely eroded	5 to 8 percent slopes	
Ga	Gravelly alluvial land	level	
Gc	Gullied land, clayey materials	level	
Gm	Gullied land, loamy materials	level	
Ha	Hatchie loam	level	yes
HcC	Humphreys cherty silt loam	2 to 5 percent slopes	yes
Hn	Huntington fine sandy loam	level	yes
Hu	Huntington silt loam	level	yes

Symbol	Name	Slope	Prime Farmland
LaD2	Landisburg cherty silt loam	5 to 12 percent slopes	
LaE	Landisburg cherty silt loam	12 to 20 percent slopes	
Le	Lee cherty silt loam	level	
Lm	Lee silt loam	level	
Ln	Lindside silt loam	level	yes
Lv	Lobelville silt loam	level	yes
Mc	Manachie fine sandy loam	level	yes
Me	Melvin and Newark silt loams	level	
MhD	Minvale cherty silt loam	5 to 12 percent slopes	
MhE	Minvale cherty silt loam	12 to 25 percent slopes	
MoC	Mountview silt loam	5 to 8 percent slopes	
PaB	Paden silt loam	2 to 5 percent slopes	yes
PaC	Paden silt loam, eroded	2 to 5 percent slopes	yes
PaB3	Paden silt loam	2 to 5 percent slopes	
PaC3	Paden silt loam	5 to 8 percent slopes	
PkB	Pickwick silt loam	2 to 5 percent slopes	yes
PkC	Pickwick silt loam, eroded	2 to 5 percent slopes	yes
PkC	Pickwick silt loam	5 to 8 percent slopes	
PkC2	Pickwick silt loam, eroded	5 to 8 percent slopes	
PkD	Pickwick silt loam	8 to 12 percent slopes	
PwB3	Pickwick silty clay loam	2 to 5 percent slopes	yes
PwC3	Pickwick silty clay loam, severely eroded	5 to 8 percent slopes	
Px	Pickwick - gullied land complex	level	
Rb	Robertsville silt loam	level	
Rc	Rock land	level	
RfC	Ruston fine sandy loam	5 to 8 percent slopes	
RfD	Ruston fine sandy loam	8 to 12 percent slopes	
RfE	Ruston fine sandy loam	12 to 25 percent slopes	
RfF	Ruston fine sandy loam	25 to 45 percent slopes	
SaE	Saffell gravelly sandy loam	12 to 20 percent slopes	
ScC	Sequatchie fine sandy loam	2 to 5 percent slopes	yes
SeC3	Sequatchie loam	2 to 8 percent slopes	
SmC	Shubuta fine sandy loam	5 to 8 percent slopes	
SmE	Shubuta fine sandy loam	12 to 25 percent slopes	

Symbol	Name	Slope	Prime Farmland
SmF	Shubuta fine sandy loam	25 to 45 percent slopes	
Ta	Taft silt loam	level	
Vb	Vicksburg loam	level	yes
Wa	Waverly fine sandy loam	level	
Wb	Waverly silt loam	level	
WcB3	Waynesboro clay loam, severely eroded	2 to 5 percent slopes	yes
WcC3	Waynesboro clay loam, severely eroded	5 to 8 percent slopes	
WcF3	Waynesboro clay loam	12 to 35 percent slopes	
WfB	Waynesboro fine sandy loam	2 to 5 percent slopes	yes
WfC	Waynesboro fine sandy loam	5 to 8 percent slopes	
WfF	Waynesboro fine sandy loam	12 to 35 percent slopes	
WgD3	Waynesboro gravelly clay loam	5 to 12 percent slopes	
WmC	Waynesboro gravelly sandy loam	5 to 8 percent slopes	
WmD	Waynesboro gravelly sandy loam	8 to 12 percent slopes	
WmE	Waynesboro gravelly sandy loam	12 to 25 percent slopes	
WnD	Waynesboro very gravelly sandy loam	5 to 12 percent slopes	
WnE	Waynesboro very gravelly sandy loam	12 to 25 percent slopes	
WnF	Waynesboro very gravelly sandy loam	25 to 45 percent slopes	
WoA	Wolftever silt loam	0 to 2 percent slopes	yes
WoC	Wolftever silt loam	2 to 5 percent slopes	yes
WvC3	Wolftever silty clay loam	5 to 10 percent slopes	

[1]USDA – SCS, Soil Survey of Colbert County, Alabama, 1994
[2]USDA – SCS, Soil Survey of Lauderdale County, Alabama, 1977
[3]USDA – SCS, Soil Survey of Tishomingo County, Mississippi, 1983
[4]USDA – SCS, Soil Survey of Hardin County, Tennessee, 1963

U.S. Department of Agriculture

FARMLAND CONVERSION IMPACT RATING

PART I *(To be completed by Federal Agency)*	Date Of Land Evaluation Request 6/26/01
Name Of Project Pickwick Reservoir Land Management Plan	Federal Agency Involved Tennessee Valley Authority
Proposed Land Use Residential/Commercial/Industrial	County And State Colbert, AL
PART II *(To be completed by NRCS)*	Date Request Received By NRCS

Does the site contain prime, unique, statewide or local important farmland? *(If no, the FPPA does not apply -- do not complete additional parts of this form).*	Yes ☑	No ☐	Acres Irrigated	Average Farm Size 230
Major Crop(s) [Cotton] Soybeans, Corn	Farmable Land In Govt. Jurisdiction Acres: 191,984	% 51	Amount Of Farmland As Defined in FPPA Acres: 108,156	% 57
Name Of Land Evaluation System Used LESA	Name Of Local Site Assessment System N/A		Date Land Evaluation Returned By NRCS 7/3/01	

PART III *(To be completed by Federal Agency)*	Alternative Site Rating Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly	204.6			
B. Total Acres To Be Converted Indirectly				
C. Total Acres In Site	204.6	0.0	0.0	0.0
PART IV *(To be completed by NRCS)* Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	84.4			
B. Total Acres Statewide And Local Important Farmland	0.0			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0.0%			
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	17.7			
PART V *(To be completed by NRCS)* Land Evaluation Criterion Relative Value Of Farmland To Be Converted *(Scale of 0 to 100 Points)*	90	0	0	0

PART VI *(To be completed by Federal Agency)* Site Assessment Criteria *(These criteria are explained in 7 CFR 658.5(b)*	Maximum Points				
1. Area In Nonurban Use	15	15			
2. Perimeter In Nonurban Use	10	10			
3. Percent Of Site Being Farmed	20	2			
4. Protection Provided By State And Local Government	20	0			
5. Distance From Urban Builtup Area	15	10			
6. Distance To Urban Support Services	15	10			
7. Size Of Present Farm Unit Compared To Average	10	5			
8. Creation Of Nonfarmable Farmland	10	0			
9. Availability Of Farm Support Services	5	5			
10. On-Farm Investments	20	0			
11. Effects Of Conversion On Farm Support Services	10	0			
12. Compatibility With Existing Agricultural Use	10	1			
TOTAL SITE ASSESSMENT POINTS	160	58	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland *(From Part V)*	100	90	0	0	0
Total Site Assessment *(From Part VI above or a local site assessment)*	160	58	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	148	0	0	0

Site Selected:	Date Of Selection	Was A Local Site Assessment Used? Yes ☐ No ☐

Reason For Selection:

(See Instructions on reverse side) **Form AD-1006 (10-83)**

This form was electronically produced by National Production Services Staff

U.S. Department of Agriculture

FARMLAND CONVERSION IMPACT RATING

PART I *(To be completed by Federal Agency)*	Date Of Land Evaluation Request 6/26/01
Name Of Project Pickwick Reservoir Land Management Plan	Federal Agency Involved Tennessee Valley Authority
Proposed Land Use Residential	County And State Lauderdale, AL
PART II *(To be completed by NRCS)*	Date Request Received By NRCS

Does the site contain prime, unique, statewide or local important farmland? *(If no, the FPPA does not apply -- do not complete additional parts of this form)* Yes ☑ No ☐		Acres Irrigated	Average Farm Size 144
Major Crop(s) [Cotton] Soybeans, Corn	Farmable Land In Govt. Jurisdiction Acres: 317,040 % 72	Amount Of Farmland As Defined in FPPA Acres: 198,254 % 45	
Name Of Land Evaluation System Used LESA	Name Of Local Site Assessment System N/A	Date Land Evaluation Returned By NRCS 7/3/01	

PART III *(To be completed by Federal Agency)*	Alternative Site Rating			
	Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly	10.4			
B. Total Acres To Be Converted Indirectly	0.0			
C. Total Acres In Site	10.4	0.0	0.0	0.0
PART IV *(To be completed by NRCS)* Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	0.4			
B. Total Acres Statewide And Local Important Farmland	0.0			
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0.005%			
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	13.4			
PART V *(To be completed by NRCS)* Land Evaluation Criterion Relative Value Of Farmland To Be Converted *(Scale of 0 to 100 Points)*	83	0	0	0

PART VI *(To be completed by Federal Agency)* Site Assessment Criteria *(These criteria are explained in 7 CFR 658.5(b)*	Maximum Points				
1. Area In Nonurban Use	15	12			
2. Perimeter In Nonurban Use	10	5			
3. Percent Of Site Being Farmed	20	0			
4. Protection Provided By State And Local Government	20	0			
5. Distance From Urban Builtup Area	15	15			
6. Distance To Urban Support Services	15	10			
7. Size Of Present Farm Unit Compared To Average	10	0			
8. Creation Of Nonfarmable Farmland	10	0			
9. Availability Of Farm Support Services	5	5			
10. On-Farm Investments	20	0			
11. Effects Of Conversion On Farm Support Services	10	0			
12. Compatibility With Existing Agricultural Use	10	0			
TOTAL SITE ASSESSMENT POINTS	160	47	0	0	0
PART VII *(To be completed by Federal Agency)*					
Relative Value Of Farmland *(From Part V)*	100	83	0	0	0
Total Site Assessment *(From Part VI above or a local site assessment)*	160	47	0	0	0
TOTAL POINTS *(Total of above 2 lines)*	260	130	0	0	0

Site Selected:	Date Of Selection	Was A Local Site Assessment Used? Yes ☐ No ☐

Reason For Selection:

(See Instructions on reverse side) Form AD-1006 (10-83)

This form was electronically produced by National Production Services Staff